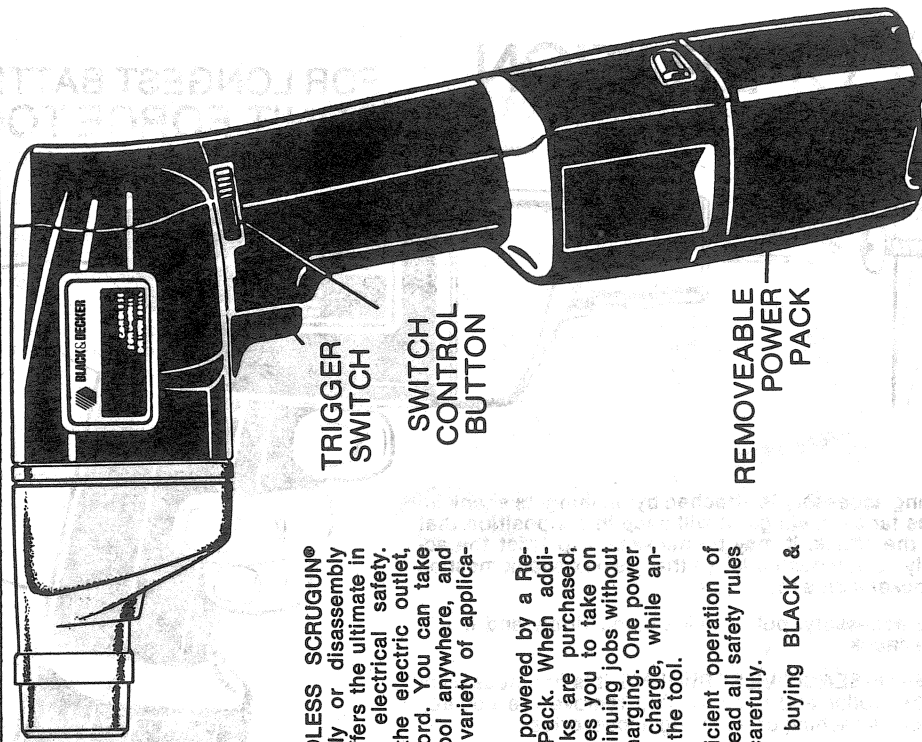


BLACK & DECKER®

INSTRUCTION MANUAL



Your new **CORDESS SCRUGUN®** performs assembly or disassembly operations, and offers the ultimate in convenience and electrical safety. You can forget the electric outlet, and forget the cord. You can take your Cordless Tool anywhere, and use it in a wide variety of applications.

This Scrugun® is powered by a **Re-movable Power Pack**. When additional Power Packs are purchased, this feature enables you to take on prolonged or continuing jobs without interruption for charging. One power pack can be on charge, while another is powering the tool.

For safe and efficient operation of this tool, please read all safety rules and instructions carefully.

THANK YOU for buying BLACK & DECKER!

Like most Black & Decker tools, your Screwdriver is listed by Underwriters' Laboratories to ensure that it meets stringent safety requirements.



This symbol on the nameplate means the product is Listed by Underwriters' Laboratories, Inc.



See **Tools-Electric®**
— Yellow Pages —
for Service & Sales

BLACK & DECKER (U.S.) INC.
U.S. Power Tools Group
701 E. Joppa Road
Towson, MD 21286 U.S.A.

Cordless, Reversible Scrugun® Screwdriver

IMPORTANT SAFETY INSTRUCTIONS (FOR ALL TOOLS)

WARNING: When using Electric Tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

READ ALL INSTRUCTIONS

- KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
- CONSIDER WORK AREA ENVIRONMENT.** Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit.
- GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example: pipes, radiators, ranges, refrigerator enclosures.
- KEEP CHILDREN AWAY.** All visitors should be kept away from work area. Do not let visitors contact tool or extension cord.
- STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place—out of reach of children.
- DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
- USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended, for example, don't use circular saw for cutting tree limbs or logs.
- DRESS PROPERLY.** Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- USE SAFETY GLASSES.** Also use face or dustmask if cutting operation is dusty.
- DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
- SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
- DON'T OVERREACH.** Keep proper footing and balance at all times.
- MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safe performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
- DISCONNECT TOOLS.** When not in use, before servicing, and when changing accessories, such as blades, bits, cutters.
- REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
- AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
- OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
- STAY ALERT.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.
- CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Do not use tool if switch does not turn it on and off.
- DO NOT OPERATE** portable electric tools near flammable liquids or in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.

ADDITIONAL SCREWDRIVER SAFETY INSTRUCTIONS

- Be aware that this tool is always in an operating condition, because it does not have to be plugged into an electrical outlet. Keep the switch control button in LOCK-"OFF" position (Fig. 4) when not using tool.
- When driving screws, into walls, floors or wherever "live" electrical wires may be encountered, **DO NOT TOUCH ANY FRONT METAL PARTS OF THE TOOL!** Hold the tool only by the plastic handle to prevent electric shock if you drill or drive into a "live" wire.

POWER PACK SAFETY INSTRUCTIONS

- The power pack supplied with this tool is specifically designed to operate with Black & Decker charger numbers 98065, 98060, 98010, 98012, 98015, 98002 & 98038. **DO NOT** attempt to charge power pack with any other charger.
- Do not attempt to open the Power Pack housing.
- DO NOT** store the Tool and Power Pack in locations where the temperature may reach or exceed 120°F (such as outside sheds or metal buildings in summer).
- DO NOT** charge Power Pack when it or air temperature is **BELOW** +40°F or **ABOVE** +105°. This is very important.
- DO NOT** incinerate the Power Pack even if it is severely damaged or is completely worn out. The power pack can explode in a fire.
- A small leakage of liquid from the power pack cells may occur under extreme usage or temperature conditions. This does not indicate a failure.

However, if the outer case seal is broken and this leakage gets on your skin—

- Wash quickly with soap and water.
- Neutralize with a mild acid such as lemon juice or vinegar.
- If battery liquid gets into your eyes, flush them with clear water for a minimum of 10 minutes and seek immediate medical attention. (Medical note: The liquid is a 25-35% solution of potassium hydroxide.)

CHARGING THE POWER PACK

THE BATTERIES IN YOUR NEW POWER PACK ARE NOT FULLY CHARGED!

First read the Safety Instructions. Then follow the important charging notes and procedures on page 3.

SAVE THESE INSTRUCTIONS

POWER PACK

IMPORTANT CHARGING NOTES

1. Follow the charging procedure shown in the charger Owner's Manual.
2. Longest life and best performance can be obtained if the batteries are charged when the air temperature is about +75°F. DO NOT charge the batteries in an air temperature below +40°F or above +105°F. This is important and will prevent serious damage to the batteries.
3. The power pack should be recharged when it fails to produce sufficient power on jobs which were easily done previously DO NOT CONTINUE to use under these conditions. Repeat the charging procedure.

REMOVING THE POWER PACK FROM THE TOOL

1. Move Switch Control Button to the center of its slot to LOCK Trigger Switch "OFF" (see Figure 1).

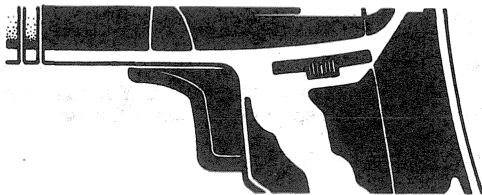


FIGURE 1

2. Remove Power Pack from Tool Handle by first pressing Release Button (Figure 2). The Latch will spring open and allow Power Pack to be withdrawn from handle (Figure 3).

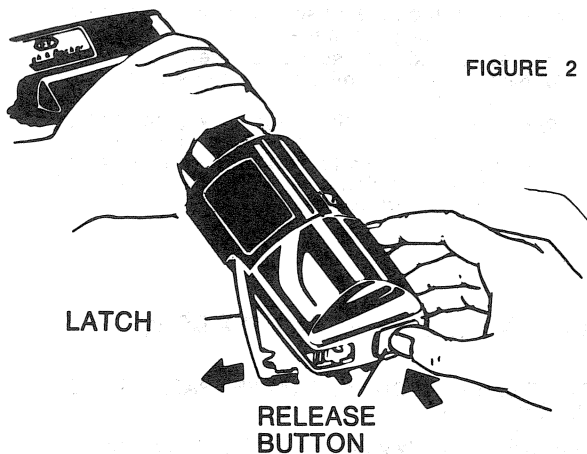


FIGURE 2

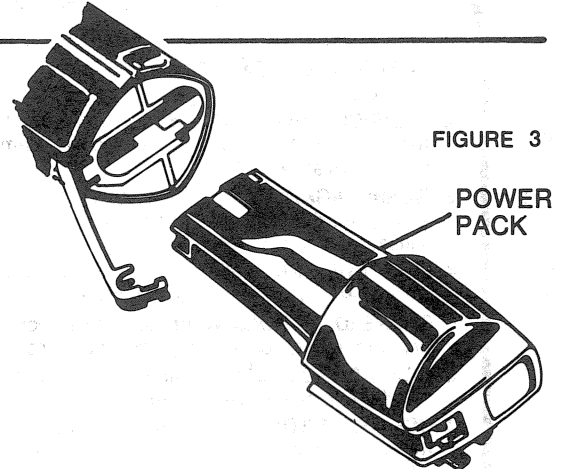


FIGURE 3

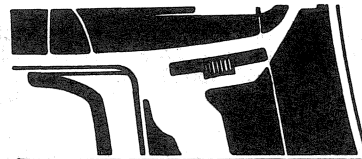
TRIGGER SWITCH & CONTROL BUTTON

The Scrugun is turned "ON" and "OFF" by pulling and releasing the Trigger Switch. However the Trigger can be locked "OFF" by positioning the Switch Control Button in the center of its slot (Figure 4). This position should be used to prevent the Trigger from being accidentally pressed when the tool is not in use, when attaching or removing the Power Pack, when attaching or changing accessories, and when cleaning or servicing the Scrugun.

For driving fasteners, the Switch Control Button should be in the FORWARD position (Figure 5).

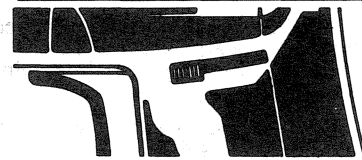
Use the REVERSE position (Figure 6) for removing fasteners. When moving from FORWARD to REVERSE, or vice versa, always release the trigger first as the control button will not move when the trigger is depressed.

Always store Tool with control in LOCK-"OFF" position.



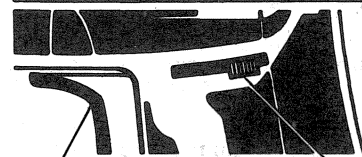
LOCK-"OFF"

FIGURE 4



FORWARD

FIGURE 5



REVERSE

FIGURE 6

OPERATION

FOR LONGEST BATTERY LIFE
DON'T FORCE TOOL!

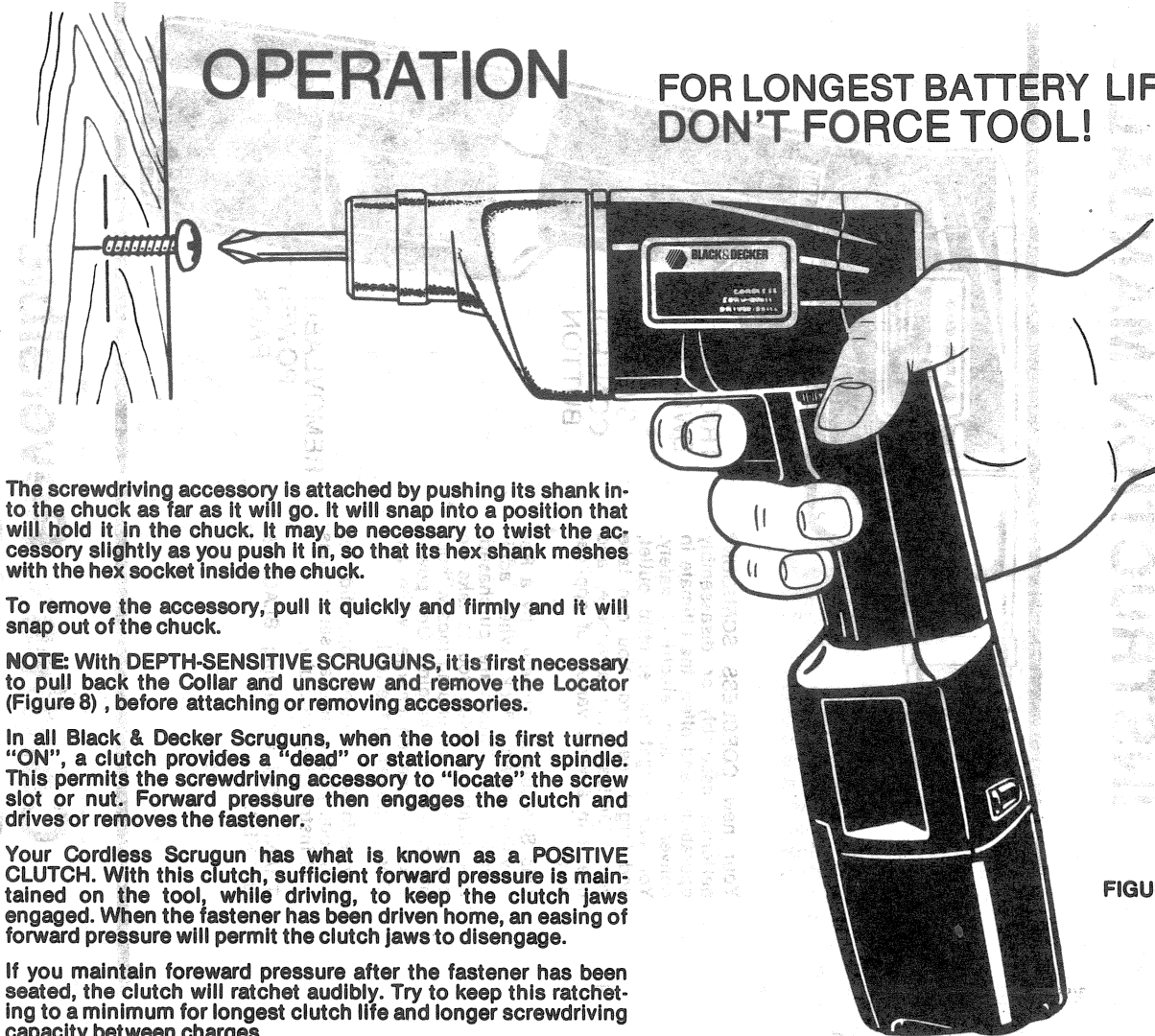


FIGURE 7

The screwdriving accessory is attached by pushing its shank into the chuck as far as it will go. It will snap into a position that will hold it in the chuck. It may be necessary to twist the accessory slightly as you push it in, so that its hex shank meshes with the hex socket inside the chuck.

To remove the accessory, pull it quickly and firmly and it will snap out of the chuck.

NOTE: With DEPTH-SENSITIVE SCRUGUNS, it is first necessary to pull back the Collar and unscrew and remove the Locator (Figure 8), before attaching or removing accessories.

In all Black & Decker Scruguns, when the tool is first turned "ON", a clutch provides a "dead" or stationary front spindle. This permits the screwdriving accessory to "locate" the screw slot or nut. Forward pressure then engages the clutch and drives or removes the fastener.

Your Cordless Scrugun has what is known as a POSITIVE CLUTCH. With this clutch, sufficient forward pressure is maintained on the tool, while driving, to keep the clutch jaws engaged. When the fastener has been driven home, an easing of forward pressure will permit the clutch jaws to disengage.

If you maintain forward pressure after the fastener has been seated, the clutch will ratchet audibly. Try to keep this ratcheting to a minimum for longest clutch life and longer screwdriving capacity between charges.

Always drill pilot holes for wood screws. Spraying all screws with a dry lubricant will give them the easiest rundown.

Experiment with different types of sheet metal screws to find the ones best suited to your application.

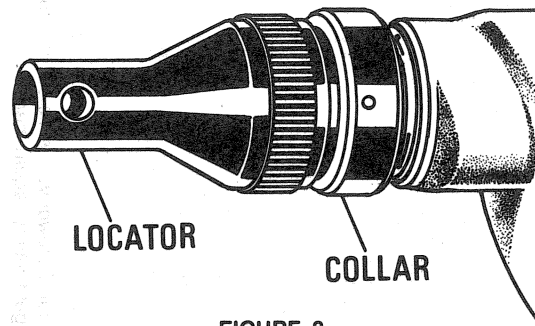


FIGURE 8

ADJUSTING DEPTH — DEPTH-SENSITIVE SCRUGUNS:

1. Pull back Collar and screw Locator in or out as follows:
 - a) For Drywall Screws, end of bit should extend approximately 3/16" beyond end of Locator.
 - b) For Washer Hex Head Screws, the nutsetter should be approximately flush with end of Locator.
 - c) For large Washer Head and "Sealer" Screws, the nutsetter should be recessed about 1/16" into Locator.
2. Make sure notches in Locator engage with pins in Collar.
3. Test drive a fastener in scrap material to determine if fastener is seating correctly.
4. Further fine adjustment may be necessary to increase or decrease fastener depth. Each notch setting change represents a .0083" change in depth setting (.050" for one complete revolution).

ACCESSORIES

CAUTION: We strongly recommend that your first purchase be the No. U2106 Safety Glasses which should be worn when using all screwdriver accessories.

The accessories listed in this manual are available at extra cost from your local dealer or Black & Decker Service Center. A complete listing of service centers is included on the owner's registration card packed with your tool.

If you need assistance in locating any accessory, please contact: Black & Decker (U.S.) Inc., User Services Department, 626 Hanover Pike, P.O. Box 618, Hampstead, Maryland 21074-0618.

Recommended accessories for your Tool are shown in this manual. The use of any other accessory might be hazardous.

1/4" HEX SHANKS

Your Scrugun® can use practically every type of fastening accessory that has a 1/4" hexagon shank.

BIT TIP HOLDERS



Non-Magnetic, For 1/4" Bit Tips
Magnetic, For 1/4" Bit Tips

HEX SHANK INSERT BITS FOR BIT TIP HOLDERS

Screw Type	Point Size (in.)
Phillips	2 2 drywall
Frearson Reed & Prince	6 & larger
Phillips Posidrive	2 3
Socket Head Cap Screw	1/8 5/32 3/16

HEX SHANK POWER BITS

Screw Type	Point Size	Length (in.)
Phillips	2	1 15/16
	2	3 1/2
	3	1 15/16
Phillips Posidrive	2	1 15/16
	3	1 15/16

1/4" HEX DRIVE NUTSETTERS

For driving hex head fastener



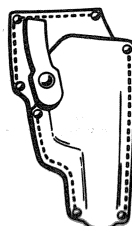
Type	Socket Size (in.)	Length (in.)
Non-Magnetic	1/4	2 9/16
	5/16	2 9/16
	3/8	2 9/16
Magnetic	1/4	1 5/8
	1/4	2 9/16
	5/16	2 9/16
	3/8	2 9/16

1/4" HEX BIT WITH ROTATING FINDER

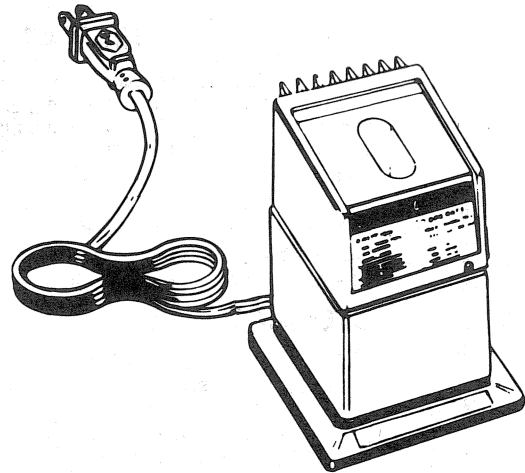
BIT Length	Gen. Screw Sizes
3-1/2"	4, 5
3-1/2"	5, 6, 8
6"	8, 10
3-1/2"	8, 10
3-1/2"	12

HOLSTER To add even more to the convenience features of your Cordless Drill, an accessory Holster is available. This Holster fastens to your belt and keeps the Drill handy and ready for work. It also frees both hands when you are not actually using the tool. Order:

Cat. No. 98004 Holster

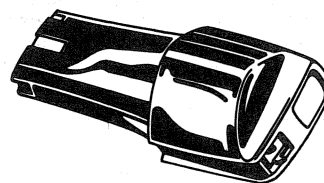
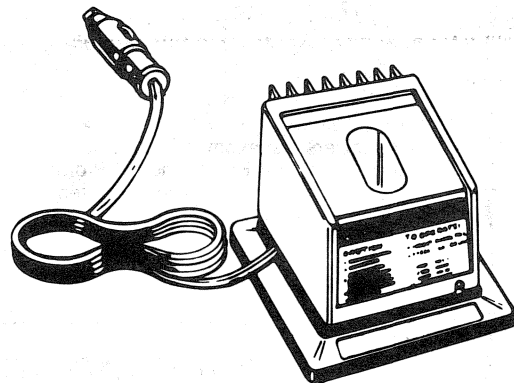


120 VAC COMPUTERIZED 1 HOUR CHARGER ORDER CAT. NO. 98060



12 VOLT DC COMPUTERIZED 1 HOUR CHARGER ORDER CAT. NO. 98065

FOR CARS OR TRUCKS



No. 98003

Fast Charge Energy Pack

CLEANING & LUBRICATION

Use only mild soap and a damp cloth to clean the tool. Many household cleaners contain chemicals which could seriously damage the plastic. Also, do not use gasoline, turpentine, lacquer or paint thinner, dry cleaning fluids or similar products. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

Self lubricating bearings are used in the tool and periodic relubrication is not required. However, it is recommended that, once a year, you take or send the tool to a B&D Service Center for a thorough cleaning, inspection and lubrication of the gear case.

NOTE: The metal contacts of the Power Pack may corrode slightly after a period of time. If this occurs, remove the deposits with a soft cloth or standard pencil eraser.

STORAGE

1. The best storage place is one that is cool and dry—away from direct sunlight, heating pipes or ducts, furnaces, etc. Power Packs should not be stored in a position where their contacts could touch metal objects.
2. Best storage temperature is approximately +50°F. Do not store where temperatures may go below +40°F or above +120°F. Avoid storage in outside metal buildings where the temperature could go above +120°F in summer, as this could damage the power pack.
3. Long storage will not harm the Scrugun, Power Pack or Charger. Under the proper conditions (given above) they can be stored for 5 years or more without harm.

IMPORTANT

To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment, (including brush inspection and replacement) should be performed by Black & Decker Service Centers or other qualified service organizations, always using Black & Decker replacement parts. Power pack battery replacement should be accomplished at B&D Service Centers, using only identical replacement batteries.

BATTERIES

After several years of normal use, the batteries in your battery pack will no longer accept a charge. This is a normal occurrence, and signifies that the batteries have reached the end of their useful life. Replacement battery packs are available at extra cost at your local Black & Decker Service Center.

Your battery pack contains nickel cadmium batteries. The Environmental Protection Agency considers Cadmium to be a toxic material that can do severe damage to the environment. Check with your state Environmental Protection Agency to find out how to properly recycle or dispose of cadmium, or you can turn in expired battery packs to your local Black & Decker Service Center for proper recycling or disposal.

COMMERCIAL/INDUSTRIAL USE WARRANTY

Black & Decker (U.S.) Inc. warrants this product for one year from date of purchase. We will repair without charge, any defects due to faulty material or workmanship. Please return the complete unit, transportation prepaid, to any Black & Decker Service Center or Authorized Service Station listed under "Tools Electric" in the yellow pages. This warranty does not apply to accessories or damage caused where repairs have been made or attempted by others.

Every Black & Decker tool is of the highest quality. If you wish to contact us regarding this product, please call toll free between 8:00 a.m. and 5:00 p.m. ET, Monday through Friday.

1-800-762-6672